

JANOVSKY, Jiri

Contribution to surgical therapy of sacral dermoid cysts using the  
method of primary suture of Iarefet. Rozhl. chir. 39 no.4:266-269  
Ap '60

1. Chirurgicks oddeleni vojenske nemocnice, Ruzomberok, nacelnik  
pplk. MUDr. Jan Kulhanek  
(TERATOID TUMOR, surg.)

JANOVSKY, J.

Contribution to agenesis of the gallbladder. Rozhl. chir. 41 no.2:  
131-134 F '62.

1. Chirurgicke oddeleni OUNZ Poprad, prednosta MUDr. J. Janovsky.

(GALLBLADDER abnorm)

JANOVSKY, J.; OBORIL, L.

Metastasis of embryonal teratoma of the testis in a 3-year-old boy  
as a cause of paralytic ileus. Cesk. pediat. 18 no.2:155-156 F '63.

1. Chirurgicke oddeleni OUNZ v Popradu, prednosta MUDr. J. Janovsky.  
(TESTICULAR NEOPLASMS) (INTESTINAL OBSTRUCTION)  
(TERATOID TUMOR) (NEOPLASM METASTASIS)

JANOVSKY, Julius

One hundred and fifty years of the Osvetlovaci sklo National  
Enterprise in Valasske Mezirici, Sklar a keramik 14 no.2:  
51-53 F '64.

1. Osvetlovaci sklo, n.p. Valasske Mezirici.

JANOVSKY, M.

Basic prerequisites for the mechanization of smokehouses. p. 289.  
Vol. 6, no. 6. 1955. PRUMYSL POTRAVIN. Praha.

Source: East European Accessions List (EEAL), LC, VOL. 5., no. 3. March 1956.

JANOVSKY, M.; ADAM, M.; BORTLIK, L.

Experience with a prototype of a new smoking installation. p. 163.  
(PRUMYSL POTRAVIN, Vol. 7, No. 4, 1956, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

JANOVSKY, M.; MARTINEK, J.; STANINCOVA, V.

On interpretation of the weight curve in infants. Cesk. pediat.  
20 no.1:56-60 Ja '65

1. Ustav pro peči o matku a dítě v Praze (zatímči ředitel - doc.  
dr. J. Horský; vedoucí vyzkumného oddělení pediatrického - doc.  
dr. K. Polásek) a Fyziologický ústav Československé akademie  
ved v Praze (ředitel - prof. dr. Z. Servit, DrSc.).

BILEK, J.; JANOVSKY, M.

Radiographic study of the function of mammary gland and factors  
effecting the ejective reflex. Physiol. bohem. 5:1-3 Suppl. 1956.

1. Institut de recherche l'eleveage de l'A.S.A.T., laboratoire de  
physiologie, et Institut de la protection de la mere et de l'enfant.

(BREAST, physiol.

lactation reflex, x-ray (Fr))

(LACTATION, physiology,

milk ejection reflex, x-ray (Fr))

(REFLEX,

lactation reflex, x-ray (Fr))

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619520001-7

TANOVSKY, M.

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619520001-7"

JANOVSKY, M.; JUNGMANNOVA, C.

Reflex regurgitation of milk. Cesk. pediat. 12 no.4:327-329  
Apr 57.

(VOMITING  
reflex regurgitation of milk (0s))

KUBBAT, K., Doc., Dr.; JANOVSKY, M., Dr.

Lactation in Czech women. Cesk. pediat. 12 no.5-6:446-455  
May-June 57.

1. Ustav pro paci o matku a dite, Praha-Podoli, reditel prof.  
Dr. J. Trapl, vedouci detskeho sektoru doc. Dr. K. Kubat.  
(LACTATION, statist.  
in Czech. (Cs))

JIRSOVA, V.; JANOVSKY, M.; JIRSA, M.

Results of thiocaprylic acid administration in therapy of severe hemolytic disease of newborn. Cesk. pediat. 13 no.7:620-624 Aug 58.

1. Ustav pro peci o matku a dite v Praze, prednosta pediatrickeho usenu; prim. Dr. K. Polacek Laborator patofysiologie krvetvorne soustavy a jater, I. interni klinika fakulty vseobecneho lekarstvi Karlovy university, prednosta: prof. Dr. M. Netousek. V. J., UPMD, Praha-Podoli.

(ERYTHROBLASTOSIS, FETAL, ther.

thiocaprylic acid, statist. (Cz))

(CAPRYLATES, ther. use

thiocaprylic acid in fetal erythroblastosis, statist. (Cz))

BILEK, J.; JANOVSKY, M.

Effect of adrenaline on oxytocin-induced milk ejection. Cesk. fysiol. 7  
no.5:432 Sept 58.

1. Ustav zivocisne byroby CSAZV, laborator fysiologie a Ustav pro pacienty  
matku a dite, Praha.

(LACTATION, eff. of drugs on,  
epinephrine on oxytocin-induced milk ejection (Cz))

(EPINEPHRIN, effects,  
on milk ejection induced by oxytocin (Cz))

(OXYTOCIN, eff.  
milk ejection, eff. of epinephrine on response (Cz))

JANOVSKY, M.; JUNGMANNOVA, C.

Clinical use of oxytocin during lactation. Cesk. gyn. 23[37] no.7:  
531-535 Oct 58.

1. UPMD v Praze, reditel prof. Jiri Trapl. M. J., Praha XI, Konevova 187.  
(LACTATION, DISORDERS, ther.  
oxytocin in breast engorgement (Cz))  
(OXYTOGIN, ther. use  
breast engorgement during lactation (Cz))

JIRSOVA, V.; JIRSA, M.; JANOVSKY, M.; HEJNA, A.

Synthesis of direct bilirubin by liver slices. Cas.lek.cesk. 99  
no.7/8:218-221 19 F '60.

1. Ostav pro peci o matku a dite v Praze, prednosta pediatrickeho  
useku prim. dr. K. Polacek. Laborator pro patofyziologii krvetvorne  
soustavy a jater v Praze, prednosta prof. dr. M. Netousek.  
(BILIRUBIN metab.)  
(LIVER metab.)

OTRADOVEC, Jiri; JANOVSKY, Milos

On cryptophthalmos. Cesk. oftal. 18 no.2:128-138 Mr '62.

1. II. ocní klinika fakulty všeobecného lekarství Karlovy univerzity  
v Praze, prednosta akademik prof. dr. J. Kurz, Ustav pece o matku  
a dítě v Praze - Podoli, reditel.  
(EYELIDS abnorm)

BILEK, Ya. [Bilek, J.]; YANOVSKIY, M. [Janovsky, M.]

Some problems in neurohumoral regulation of lactation. Zhur. ob.  
biol. 23 no.4:241-255 Jl-Ag '62. (MIRA 15:9)

1. Nauchno-issledovatel'skiy institut zhivotnovodstva Chekhoslo-  
vatskoy akademii sel'skokhozyaystvennykh nauk, otdeleniye fiziologii  
i Institut okhrany materinstva i mladenchestva v Prague.  
(LACTATION)

JANOVSKY, M.; MARTINEK, J.; STANINCOVA, V.; Technicka spoluprace:  
BALIKOVA, V.; BOUCKOVA, R.; CERNA, Z.

Water and electrolyte balance in infants on various nutritional  
regimen. (On problems of humanized milk). Cesk. pediat. 20 no.9:  
759-766 S '65.

1. Ustav pro peci o matku a dite v Praze (reditel doc. dr. J.  
Horsky, DrSc.; vedouci pediatrickeho vyzkumu doc. dr. K. Polacek)  
a Fyziologicky ustav Ceskoslovenske akademie ved v Praze (reditel  
prof. dr. Z. Servit, DrSc.).

CZECHOSLOVAKIA

MARTINEK, J.; JANOVSKY, M.; STANINCOVA, V.: SLECHTOVA, R.: VICHNAR, M.; Physiological Institute, Czechoslovak Academy of Sciences, Institute for the Care of Mother and Child (Fysiologicky Ustav CSAV, Ustav pro Peci o Matku a Dite), Prague; Institute for Unweaned Children (Kojenecky Ustav), Karlovy Vary.

"Physiology of Antidiuretic Hormone (ADH) in Unweaned Children."

Prague, Ceskoslovenska Fisiologie, Vol 15, No 3, May 66, pp 206-211

Abstract: Children younger than 2½ months are unable to excrete hypertonic urine after intravenous administration of vasopressin during water diuresis; this is due to a low sensitivity of the distal system. Vasopressin does not increase permeability to water, and decreases glomerular filtration which causes antidiuresis accompanied by an increased osmolarity of urine in the youngest children. The development of the sensitivity of the distal system to vasopressin affects only resorption of water. 6 Figures, 17 Western, 8 Czech, 1 Russian reference. Submitted at 15 days of Physiology-Symposium of Water Metabolism- 29 May 65.

1/1

Nucleolar coefficient in lymphocytes of the peripheral blood in infants.  
Cesk. morf. 11 no.2:131-134 '63.

1. Laborator elektronove mikroskopie CSAV v Praze, prednosta akademik  
Jan Wolf, Ustav pro peci o matku a dite Praha-Podoli, reditel doc.  
M. Vojta, vedouci ped. useku doc. K. Polacek.  
(LYMPHOCYTES) (CELL NUCLEUS)

S/262/62/000/012/008/013  
1007/1207

AUTHOR: Janovský, Miloslav

TITLE: Process and device for preventing deposition of gasoline drops in the intake manifold of an engine

PERIODICAL: Referativnyy zhurnal, otdel'nyy vypusk, 42. Silovyye ustyanovki, no. 12, 1962, 89. abstract 42.12.583 P. Czech. patent, class 46 c<sup>2</sup>, 52, no. 95658, June 5, 1960

TEXT: In order to prevent the deposit of gasoline drops in the intake manifold of an engine, it is suggested to impose on the drops a negative electrostatic charge by means of an electrode mounted in the fuel stream. The drops then pass along a second, positive-charged electrode. Both electrodes, made of metallic netting, are fixed to insulators mounted in the intake manifold. The electrodes are fed from the electric generator of the engine.

[Abstracter's note: Complete translation.]

Card 1/1

JANCSÓ ÁKIK, L.

"From the take-off to the landing! Turning and Landing," p. 8 ALMASZKI KÖRNYÉKE;  
ALMAZKI, BUDAPEST, ALMAZKILÍME. Vol. 6 no. 2a, Dec. 1953, Budapest, Hungary.

SO: Monthly List of East European Accessions, EC, Vol. 3, No. 4, April 1954.

JANOVSKY, L.

Some questions in connection with increasing the efficiency of gas turbojet engines.  
p. 238.

(JAFMUVEK ES GEPEK, Budapest, vol. 1, no. 8, Aug. 1954)

SO: Monthly list of East European Accessions, (EEAL), LC, Vol. 4, no. 1, Jan., 1955,  
Unclassifie

JANOVSEK, L.

The Tu-104 passenger jet plane. p.257. Sandor Kemeny, 1896-1956.  
p.260. JARNUVEK NEZOCAZDASAGI GEPEK. Budapest. Vol. 3, No. 9,  
Sept. 1956.

SOURCE: East European Accessions List (EEAL), Library of Congress  
Vol. 5, No. 12, December 1956

JANOVSZKY, Laszlo, okl. repulomernok.

The year of 1960 in the mirror of the air traffic of capitalist countries. Kozleked tud sz ll no.12:575 D '61

1. MALEV.

WISNIEWSKI, Włodysław; JABLONSKI, Stefan; BIELAWSKA, Wiesława;  
JANOWICZ, Alina

Determination of the content of ethereal oils in some galenic  
preparations in alcohol. Acta pol. pharm. 20 no.2:181-184 '63.

l. Z Zakładu Farmacji Stosowanej Akademii Medycznej w Warszawie  
Kierownik: prof. dr Wł. Wiśniewski.  
(OILS, VOLATILE) (CHEMISTRY, PHARMACEUTICAL)  
(ALCOHOL, ETHYL)

ANGIELSKI, S.; ROGISKI, J.; JANOWICZ, E.; MADONSKA, L.

Aminoaciduria induced by maleic acid. II. Effect of diets. Acta  
biochim. polon. 6 no.3: 295-305 '59.

1. Pracownia Biochemii Patologicznej Inst. Biochemii i Biofizyki  
PAN i Zaklad Chemii Fizjologicznej AM w Gdansku. Kierownik: prof.  
dr. Wl. Mogolowski.

(MALEATES pharmacol.)  
(AMINO ACIDS blood)  
(DIET eff.)

JANOWICE, Jan (Olsztyn, ul. Kosciuszki 14a)

Surgical injuries of the ureters and bladder. Polski tygod. lek.  
9-no.39:1262-1265 27 Sept 54.

(URETERS, wounds and injuries,  
in surg.)

(BLADDER, wounds and injuries,  
in surg.)

(WOUNDS AND INJURIES,  
bladder & ureters, in surg.)

(SURGERY, OPERATIVE, complications,  
bladder & ureters inj.)

JANOWICZ, Jan; Weiss, Ewald

Surgical treatment of anal & rectal treatment prolapse. Polski  
przegl. chir. 27 no.12:1211-1214 Dec 55.

1. Z chirurgicznego oddzialu Państwowego Szpitala Wojewodzkiego  
w Olsztynie. Ordynator: dr. J. Janowicz, i z chirurgicznego  
oddzialu Powiatowego Szpitala w Mrągowie. Ordynator: dr. E. Weiss,  
Olsztyn, Szpital Wojewodzki.

(ANUS, dis.  
prolapse, surg.)  
(RECTUM, dis.  
same)

JANOWICZ, Jan; TERAJEWICZ, Antoni

Surgical treatment of adhesive intestinal obstruction. Polski przegl.  
chir. 29 no.5:447-452 May 57.

l. Z Oddzialu Chirurgicznego Wojewodzkiego Szpitala M. S. W. Ordynator:  
dr J. Janowicz i I Oddzialu Chirurgicznego Panstwowego Szpitala  
Wojewodzkiego im M. Kopernika w Olsztynie Ordynator: dr A. Terajewicz.  
Prace wplynela 16. 9. 1956 r. Olsztyn, ul. Podlegla 19.

(INTESTINAL OBSTRUCTION, surgery,  
adhesive cases (Pol))

JANOVSKY, M.; MARTINEK, J.; STANINGCOVA, V.

Renal requirements of infants fed with human milk and formula.  
Cesk. pediat. 18 no. 9:769-773 S '63.

1. Ustav pro paci o matku a dite v Praze, reditel doc. dr.  
M. Vojta, vedouci pediatrickeho vyzkumu doc. dr. K. Polacek  
Fyziologicky ustav CSAV v Praze, reditel prof. dr. Z. Servit,  
DrSc.

(INFANT NUTRITION) (SODIUM) (KIDNEY)  
(URINE) (MILK, HUMAN)

JANOVSKY, M.

External cephalhematoma and hyperbilirubinemia in a newborn  
infant. Cesk. pediat. 18 no. 9:818-821 S '63.

1. Ustav pro pacienty o matku a dite v Praze, veditel doc. dr.  
M. Vojta, vedouci pediatrickeho vyzkumu doc. dr. K. Polacek,  
CSc.

(SCALP) (HEMATOMA) (INFANT, NEWBORN, DISEASES)  
(HYPERBILIRUBINEMIA) (ANEMIA) (JAUNDICE, NEONATAL)  
(BLOOD TRANSFUSION)

JANOVSKY, M.

On the administration of antibiotics in the perinatal period.  
Cesk. pediat. 19 no. 1:65-66 Ja'64.

\*

JANOVSKY, Petr, inz.

On the economical cross section of cables in industrial enterprises. Energetika Cz 13 no.12:669-671 D '63.

1. Keramoprojekt, Praha.

JANOWIEC, M.

Slide culture of Mycobacterium tuberculosis and its diagnostic significance. Med. dosw. mikrob., Warsz. 3 no.2:173-178. 1951.  
(CIML 21:1)

1. Of the Institute of Microbiology, Silesian Medical Academy,  
Rokitnica.

JAKIMOWSKA, K.; JANOWIEC, M.; KAMIENSKA, I.; SLOPEK, ST.; VENULET, J.

Some pharmacological and chemotherapeutical properties of the sodium salt of alphanaphthoxyacetic acid. Acta physiol. polon. 3 Suppl. 3. 269-272 1952.  
(CIML 24:1)

1. Of the Institute of Tuberculosis (Head--Prof. J. Misiewicz, M.D.) and of the Institute of Pharmacology (Head--Prof. P. Kubikowski, M.D.) of Warsaw Medical Academy and of the Institute of Microbiology of Rokitnica Medical Academy. 2. Inhibitory action on Mycobacteria tuberculosis.

JANOWIEC, M.

Culture of *Mycobacterium tuberculosis* on slides and utilization of  
the method for diagnostic purposes. *Med. dosw. mikrob.*, Warsz. 4  
no. 3:407-409 1952. (CIML 23:3)

1. Summary of work progress presented at 11th Congress of Polish  
Microbiologists held in Krakow May 1951. 2. Rokitnica Bytomaska.

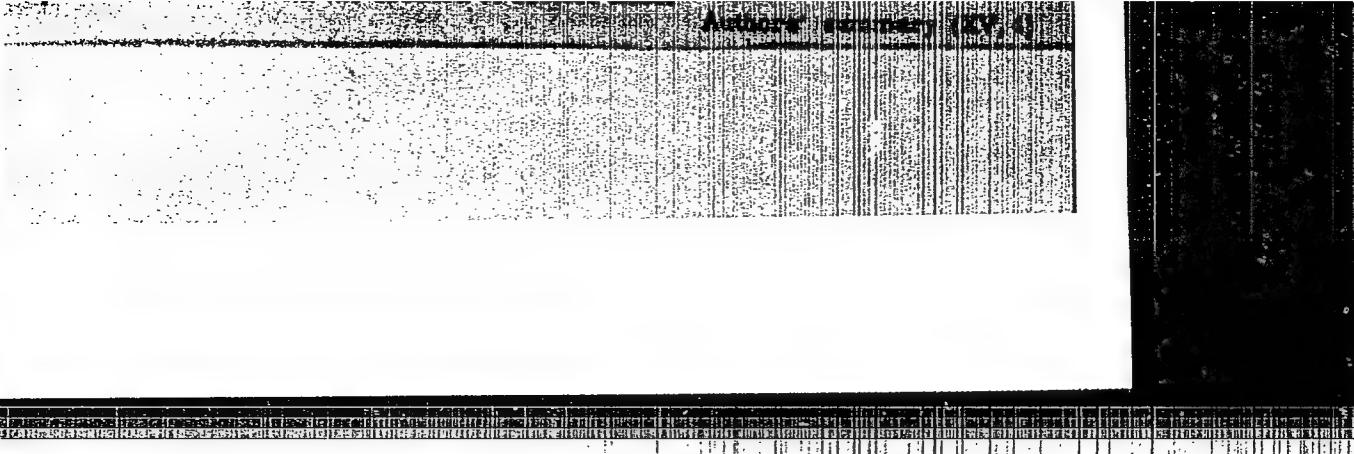
JANOWIEC, M

**EXCERPTA MEDICA Sec.4 Vol.9/8 Microbiology, etc., 1956-1958.**

1953, JANOWIEC M. and TUŁĘŻNIK A. "Bac. mordvilkoi".  
Warszaw. "Porównanie warunków rozwoju bakterii pod wpływem jodku srebra i jodku srebra z jodkiem srebra".  
Jensena. Comparison of conditions of development of bacteria under the influence of silver iodide and silver iodide with silver iodide".  
Löwenstein-Jensen medium. Cytology 1953.

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CIA-RDP86-00513R000619520001-7"

SLOPEK, Stefan; KAMIENSKA, Irena; JANOWIEC, Mieczyslaw

Standardization of microbiological diagnosis of tuberculosis.  
Postepy hig. med. dosw. 10 no.4:375-378 1956.

1. PAN Instytut Immunologii i Terapii Doswiadczałnej Dział  
Bakteriologii i Antybiotyków, Wrocław, ul. Chalubinskiego 4.  
(TUBERCULOSIS, diagnosis,  
serol., standard. of technics (Pol))

JANOWIEC, Mieczyslaw; KULEJESKA, Magdalena

Effects of cyanoacetic acid hydrazide (CAH) on experimental tuberculosis in guinea pigs. Gruzlica 24 no.1:9-14 Jan 56.

1. Z Zakladu Mikrobiologii Instytutu Gruzlicy w Warszawie.  
Kierownik: doc. dr. M. Buraczewska. Dyrektor: prof. dr. med.  
J. Misiewicz, Warszawa, ul. Plocka 26.

(TUBERCULOSIS, exper.

eff. of cyanoacetic acid hydrazide in guinea pigs.

(ACETIC ACID, deriv.

cyanoacetic acid hydrazide eff. on exper. tuberc. in  
guinea pigs.

JANOWIEC, Mieczyslaw; KAMIENSKA, Irena

Effects of combined action of dihydrostreptomycin, isoniazid,  
PAS and T<sub>40</sub> on the growth of Mycobacterium tuberculosis in vitro.  
Gruzlica 24 no.1:15-22 Jan 56.

1. Z Zakladu Mikrobiologii Slaskiej A.M. w Zabruszu. Kierownik:  
prof. dr. S. Slopek, Warszawa, ul. Plocka 26.  
(MYCOBACTERIUM TUBERCULOSIS, eff. of drugs on  
chemother. agents on growth in vitro, review.

JANOWIEC, Mieczyslaw; TUSZYNSKA, Barbara

Cytochemical reactions in differentiation of virulence of  
Mycobacterium tuberculosis resistant and sensitivity to drugs.  
Gruzlica 24 no.11:1093-1101 Nov 56.

l. Z Zakladu Mikrobiologii Instytutu Gruzlicy Kierownik: doc.  
dr. M. Buraczewska, Dyrektor: prof. dr. J. Misiewicz.  
(MYCOBACTERIUM TUBERCULOSIS,  
virulence, differentiation in drug resist. &  
sensitive strains (Pol))

GRUŽLICA Sec 4 Vol. 10/9 Microbiology Sept 57

2231. JANOWIEC M. Zakł. Mikrobiol. Inst. Gružlicy, Warszawa. \* Odczyn hemaglutynacyjny Middlebrook-Dubosa w różnicowaniu wartości szczepionek lyofilizowanych BCG (szczepów: duńskiego, brasylijskiego i francuskiego). Middlebrook-Dubos haemagglutination test in the differentiation of the value of lyophilized BCG vaccines (strains: Danish, Brazilian, French) GRUŽLICA 1956, 24/11 (1103-1112) Illus. 4

Haemagglutination tests were performed in guinea-pigs immunized with lyophilized BCG vaccines prepared from 3 strains: Danish, Brazilian and French; the tests proved useful for the evaluation of the vaccines. Certain differences were found in the haemagglutination titres in animals immunized with 3 vaccines; these differences were, however, not so striking as to prove the superiority of any of the vaccines used. The haemagglutination tests cannot be used as a sole factor for the evaluation of the produced vaccines, since it does not reflect the post-vaccination resistance of the body; nevertheless they should be used as one of the adjuvant tests.

(XV, 4)

JAKIMOWSKA, K.; JANOWIEC, M.

Rapid antitrypanosomal activity of 3-amino-4-hydroxyphenyl dichlorearsine in white mice. Med. dosw. mikrob. 9 no.2:195-200 1957.

l. Z Zakladu Farmakologii Instytutu Lekow w Warszawie Kierownik:  
dr. med. J. Venulek.

(TRYPANOSOMIASIS, exper.

eff. of dichloromapharsen in mice (Pol))

(OXOPHENARSINE, related cpds.

dichloromapharsen, eff. on exper. trypanosomiasis in  
mice (Pol))

URBANSKI, T.; SKOWRONSKA-SERAFIN, B.; STEFANIAK, L.; VILLEMET, J.; JANOWIEC, M.:  
JAKIMOWSKA, K.; URBANSKA, A.

On iso-nicotinoylhydrazone of ethyl acetylacetate and its anti-tuberculous activity. Bul Ac Pol chim. 6 no.8:475-479 '58.  
(EEAI 9:6)

1. Institute of Tuberculosis, Warsaw, Technical University  
(Politechnika), Warsaw. Communicated by T.Urbanski.  
(Isonicotinoylhydrazone) (Ethyl acetoacetate)  
(Tuberculosis)

URBANSK, Tadeusz; BELZECKI, Czeslaw; CHESCHELSKA, Bozena; CHYLINSKA, Barbara;  
DABROWSKA, Halina; FALECKI, Jerzy; GURNE, Daniela; HALSKI, Leszek;  
MALINOWSKI, Stanislaw; SRAFINOWA, Barbara; ZYLOWSKI, Jerzy; SLOPEK,  
Stefan; KAMIENSKA, Irena; VENULET, Jan; JANOWICZ, Mieczyslaw; JAKIMOWSKA,  
Krystyna; URBANSKA, Alicja; KUZNIEWICOW, Anatol

Searching for new anti-tuberculosis drugs. Gruzlica 26 no.11:889-917  
Nov 58.

1. Z Zakladu Syntezy Lekow Instytutu Gruzlicy Kierownik Zakladu: prof.  
dr T. Urbanski Dyrektor Instytutu: prof. dr J. Misiewicz Pracownia Synt.  
Lekow Przeciwgruzliczych, Warszawa, ul. Koszykowa 75.

(TUBERCULOSIS, therapy,  
investigation of 300 cpds. for anti-tuberc. eff. (Pol))

JANOWIEC, Mieczyslaw; VENULET, Jan

Experimental ocular tuberculosis in rabbits. Gruzlica 27 no.3:213-216  
Mar 59.

l. Z Zakladu Farmakologii Instytut Lekow w Warszawie Kierownik: dr med.  
J. Venulet. Adres: Warszawa, ul. Chelmska 30/34.  
(TUBERCULOSIS, OCULAR, experimental,  
in rabbits (Pol))

JANOWIEC, Mieczyslaw; VENULET, Jan

Treatment of tuberculosis by the association of antibacterial drugs  
also enhancing tissue permeability. Gruzlica 27 no.5:365-373 My '59.

l. Z Zakladu Farmakologii Instytutu Lekow w Warszawie. Kierownik:  
dr med. J. Venulet.

(ANTITUBERCULAR AGENTS pharmacol.)  
(PERMEABILITY pharmacol.)

JANOWIEC, Mieczyslaw; TUSZYNSKA, Barbara

Cytochemical reactions of tubercle bacilli resistant in various degrees to isonicotinic acid hydrazide. Gruzlica 27 no.5:383-385 My '59.

1. Z Zakladu Mikrobiologii Instytutu Gruzlicy w Warszawie. Kierownik: doc.dr M. Buraczewska. Dyrektor: prof.dr J. Misiewicz [deceased].  
(ISONIAZID pharmacol.)  
(MYCOBACTERIUM TUBERCULOSIS pharmacol.)

JANOWIEC, Mieczyslaw.

Hemagglutination reaction in the diagnosis and studies on the  
resistance in tuberculosis. Postepy hig.med.dosw 14 no.3:271-328  
'60.

1. Z Zakladu Mikrobiologii Instytutu Gruzdlicy w Warszawie  
Kierownik: docent dr M.Buraczewska  
(TUBERCULOSIS immunol)  
(HEMOAGGLUTINATION)

JANOWIEC, M.; JAKIMOWSKA, K.; VENULET, J.

Pharmacological and chemotherapeutic properties of ethyl aceto-acetate isonicotinoylhydrazone. Acta physiol.polon. 11 no.5/6:  
738-739 '60.

1. Z Zakladu Farmakologii Instytutu Lekow w Warszawie. Kierownik:  
doc.dr J.Venulet.  
(ISONIAZID rel cpds)

JANOWIEC, M.; WOJCIK, R.

Multiphasic evaluation of the activity of antitubercular drugs  
on guinea pigs. Acta physiol.polon. 11 no.5/6:739-740 '60.

l. Z Zakladu Farmakologii Instytutu Lekow w Warszawie. Kierownik:  
doc.dr J.Venulew.  
(ANTITUBERCULAR AGENTS pharmacol)

URBANSKI, Tadeusz; SERAFINOWA, Barbara; GUSTOWSKI, Włodzimierz;  
VENULET, Jan; JAKIMOWSKA, Krystyna; JANOWIEC, Mieczysław

Anti-tuberculous properties of ethyl acetoacetate isonicotinoylhydrazone (T-428). Gruslica 28 no.12:955-960 D '60.

1. Z Katedry Technologii Organicznej II Politechniki Warszawskiej  
Kierownik: prof.dr T.Urbanski i z Zakładu Farmakologii Instytutu  
Leków, Kierownik: doc.dr J.Venulet.  
(ISONIAZID rel cpds)

BURACZEWSKA, Maria; JANOWIEC, Mieczyslaw; TUSZYNSKA, Barbara

The course of tuberculous processes in guinea pigs after the infection with tubercle bacilli resistant to the effect of isonicotinic acid hydrazide. (INH). Gruzlica 28 no.3:182-194 Mr '60.

1. Z Zakladu Mikrobiologii Instytutu Gruzlicy w Warszawie. Kierownik: doc.dr M. Buraczewska. Dyrektor: prof.dr W. Jaroszewicz.  
(ISONIAZID pharmacol.)  
(TUBERCULOSIS exper.)

BURACZEWSKA, Maria; JANOWIEC, Mieczyslaw; TUSZYNSKA, Barbara

Evaluation of properties of pathogenic INH-resistant tubercle bacilli after intradermal infection of guinea pigs. Gruzlica 28 no.3:195-200 Mr '60.

l. Z Zakladu Mikrobiologii Instytutu Gruzlicy w Warszawie. Kierownik: doc.dr M. Buraczewska. Dyrektor: prof.dr med. W. Jaroszewicz.

(TUBERCULOSIS exper.)  
(ISONIAZID pharmacol.)

JANOWIEC, Mieczyslaw; TUSZYNSKA, Barbara

Peknica test in the determination of tubercle bacilli. Gruzlica  
28 no.11:863-871 N '60.

1. Z Zakladu Mikrobiologii Instytutu Gruzdicy w Warszawie.  
Kierownik Zakladu: doc. dr M.Buraczewska; Dyrektor I.G.: prof.  
dr med. W.Jaroszewicz.  
(MYCOBACTERIUM TUBERCULOSIS)

JANOWIEC, Mieczyslaw; VENULET, Jan

Effect of hydrazides of aspartic and glutamic acids on experimental tuberculosis. Med. dosw. mikrob. 14 no. 3:247-252 '62.

1. Z Zakladu Farmakologii Instytutu Lekow w Warszawie.  
(ASPARTIC ACID rel cpds) (GLUTAMATES pharmacol)  
(TUBERCULOSIS exper)

JANOWIEC, Mieczyslaw; KWIEK, Stanislaw

Growth of bacilli in media containing compounds decomposing hydrogen peroxide. Gruzlica 30 no. 3:243-247 '62.

l. Z Zakladu Mikrobiologii Instytutu Gruzlicy Kierownik: doc. dr.  
M. Buraczewska Dyrektor: prof. dr med. W. Jaroszewicz.  
(MYCOBACTERIUM TUBERCULOSIS culture)  
(CULTURE MEDIA) (CATALASE)

JANOWIEC, Mieczyslaw; TUSZYNKA, Barbara

Typing of *Mycobacterium tuberculosis* with the aid of biological tests. Gruzlica 30 no.4:311-315 '62.

1. Z Zakladu Mikrobiologii Instytutu Gruzlicy w Warszawie Kierownik:  
doc. dr M. Buraczewska Dyrektor: prof. dr W. Jaroszewicz.

(MYCOBACTERIUM TUBERCULOSIS)

JANOWIEC, Mieczyslaw; TUSZYNSKA, Barbara

Effect of various modes of infection on the course of experimental tuberculosis in white mice. Gruzlica 30 no.4:317-326 '62.

1. Z Zakladu Mikrobiologii Instytutu Gruzlicy w Warszawie Kierownik:  
doc. dr M. Buraczewska Dyrektor: prof. dr med. W. Jaroszewicz.

(TUBERCULOSIS exper)

"APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619520001-7

JANOWIEC, Mieczyslaw

Virulence of acid-fast bacilli in experimental animals. Gruslica 30  
no.5:449-456 '62.  
(MYCOBACTERIUM infect)

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619520001-7"

JANOWIEC, Mieczyslaw; TUSZYNSKA, Barbara

Use of artificial media for the differentiation of type of  
tubercle bacilli. Gruslica 30 no.7:615-625 '62.

l. Z Zakladu Mikrobiologii Instytutu Gruslicy Kierownik:  
doc. dr M. Buraczewska Dyrektor: prof. dr med. W. Jaroszewicz.  
(MYCOBACTERIUM TUBERCULOSIS) (CULTURE MEDIA)

3

[POLISH]

DESPERAK-MACIAK, Anna, JALIMOWSKA, Kryszyna, JACHOLSKA,  
Mieczyslaw, KRYSICKA-WOZNIAK, Halina, PAWLICKOWSKI Luszak,  
and VENULEK, Jan, Department of Pharmacology (Zaklad Farm-  
mekologii), Drug Institute (Instytut Leków) in Warsaw (Dle-  
ktor: Docent, Dr. J. VENULEK)

"Chemotherapeutic and Pharmacologic Properties of Sodium  
Salts of  $\alpha$ -Aminosalicylic Acid."

Warsaw, Miedzyna Duszynska i Mikrobiologia, Vol. 15,  
No. 1, 63, pp 65-70.

**Abstract:** [Authors' English summary] Investigations in  
*vitro* and *in vivo* revealed merely a weak action of the so-  
dium salts of  $\alpha$ -aminosalicylic acid (MAS) upon tubercle bac-  
illi, as well as on experimental tuberculosis in laboratory  
animals. When tested *in vitro*, MAS was similar in ac-  
tivity but weaker than PAS. Both derivatives are less ef-  
fective than isonicotinic acid hydrazide or Streptomycin.  
The toxicity of MAS is slightly higher than that of PAS  
preparations. All 6 references are by Polish authors  
(in 1 German, 1 French, and the rest in Polish publications  
or unpublished).

1/1

JANOWIEG, Mieczyslaw; WOJCIK, Ryszard,A.; VENULET, Jan

Associated effect of isonicotinic acid hydrazide (INH) and  
of some drugs influencing the macro-organism in experimen-  
tal tuberculosis. Med. dosw. mikrobiol. 15 no.4:311-315 '63.

1. Z Zakladu Farmakologii Instytutu Lakow w Warszawie  
(kierownik: doc.dr.med. J. Venulet) i z Katedry Statystyki  
Matematycznej SGGW w Warszawie (kierownik: prof.dr. Z. Nawrocki).

JANOWIEC, Mieczyslaw; VENULET, Jan

Antitubercular effects of ethyl acetoacetate isonicotinoylhydrazone (T-428) administered jointly with ultracortenol and somatotropin. Med. dosw. mikrobiol. 15 no.4:317-319 '63.

1. Z Zakladu Farmakologii Instytutu Lekow w Warszawie; kierownik: doc.dr. J.Venulet.

JANOWIEC, Mieczyslaw; VENULET, Jan

Experimental tuberculosis in rats. Gruzlica 31 no.6:712-716  
Je'63.

1. Zaklad Farmakologii Instytutu Lekow, Warszawa.

JANOWIEC, Mieczyslaw; VENULET, Jan

Experimental tuberculosis in hooded rats. Med. dosw. mikrobiol.  
16 no.1:13-20 '64.

1. Z Zakladu Farmakologii Instytutu Lekow w Warszawie (Kierownik:  
doc. dr. J. Venulet).

JANOWIEC, Mieczyslaw

Comparative evaluation of synthetic media for the isolation of  
tubercle bacilli from diagnostic material. Stanowisko techniczne  
519-526 Ja '64.

I. Z Zakladu Mikrobiologii Instytutu Gendrikow Czerwionka (kier. dr.  
M. Baraczewska).

JANOWSKI, Stefan; ERAKOWKA, Paweł

Studies in guinea pigs on the resistance of tubercle bacilli  
to ethionamide. Gruzlica 33 no.4:273-276 Ap '65.

W Zakładu Mikrobiologii Instytutu Gruźlicy (Kierownik: Doc.  
dr. M. Buraczewska).

JANOWIEC, Mieczyslaw

Determination of the virulence of the so-called "atypical"  
acid-fast strains in white mice. Gruzlica 33 no.7:571-576  
Jl '65.

1. Z Zakladu Mikrobiologii Instytutu Gruzlicy (Kierownik:  
doc. dr. M. Buraczewska).

JANOWIEC, Mieczyslaw; KOSTRZENSKI, Wladyslaw

Effect of 4-chloroanilide of 5-chlorosalicylic acid in  
experimental tuberculosis of white mice. Gruzlica 33  
no.7:577-579 Jl '65.

1. Z Zakladu Mikrobiologii Instytutu Gruzlicy (Kierownik:  
doc. dr. M. Buraczewska).

JANOWSKI, Witold

Certain evaluation of the coefficients of holomorphic and univalent functions limited from below in the circle  $\mathbb{D}(\infty, 1)$ . Nauki matem przyrod Lodz. no.14:175-179 '69.

1. Katedra Matematyki I , Uniwersytet, Lodz.

J. I. Nowak, (Irena)

SURNAMES, Given Names

Country: Poland

4 (3)

Academic Degrees: [not given]

Affiliation:

Source: Warsaw, Medycyna Weterynaryjna, Vol XVII, No 6, June 1961,  
pp 361-364.

Data: "Method for the Preservation of Erythrocytes for Serological Tests."

Authors:

JANOWSKA, Irena, Diagnostic Department (Zaklad Rozpoznawczy),  
Veterinary Institute (Instytut Weterynarii), Pulawy; Director:  
Edward GRYCZ, Doc dr.  
ZIEBA, Tadeusz, Diagnostic Department, Veterinary Institute, Pulawy;  
Director: Edward GRYCZ, Doc dr.

66

POLAND

LARSKI, Zdzislaw and JANOWSKA, Irena; Second Laboratory of  
General Virology (II Pracownia Wirusologii Ogolnej), IW  
[Instytut Wirusolowy, Institute of Virology] in Pulawy

APPROVED FOR RELEASE 08/10/2001 CIA-RDP86-00513R000619520001-7

"Variability of a Virulent Strain of Newcastle Disease  
Virus (NDV) Under the Influence of Homologous Immune Serum."

Warsaw, Medycyna Doswiadczeniowa i Mikrobiologia, Vol 15, No 3,  
63, pp 263-272

Abstract: [Authors' English summary modified] Variability of  
virulent strain of NDV was investigated by selective pas-  
sages in tissue cultures (CEF) and chick embryos, with virus  
neutralized by different dilutions of homologous immune serum  
prior to inoculation, and material infected with highest  
serum concentration used for serial selective passage.  
The authors tabulate the obtained results, and discuss the  
apparent results and limitations of the experiments,  
which prevent the drawing of final conclusions.

1/1

10

The bulk of the 35 cited references

p/1

JANOWSKI, A.; KEMULA, W.

Mercurimetric determination of chlorides in perhydrol. p. 933.

CHEMIA ANALITYCZNA. (Komisja Analityczna Polskiej Akademii Nauk i Naukowej Organizacji Technicznej) Warszawa, Poland. Vol. 3, No. 5/6, 1958.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 8, August 1959.  
Uncl.

JANOWSKI, Aleksander (Warszawa); SAND, Wieslaw (Warszawa)

Aims, speed of realization, and performance costs of the  
Petrobudowa project. Przegl budowl i bud mieszk 34 no.4/5:  
219-222 Ap-My '62.

JANOWSKI, Andrzej

Bilateral surgical treatment of cavernous pulmonary tuberculosis.  
Gruzlica 23 no.4:257-263 Apr '55.

1. Z Oddzialu Ftyzjochirurgii Sanatorium Bykowiec (Zespol Kowary)  
Ordynator: dr S. Warszewski, Dyrektor: dr M. Sobek, Sanatorium  
Bykowiec, p-ta Kowary k. Jeleniej Gory.  
(TUBERCULOSIS, PULMONARY  
cavitations, bilateral surg.)

L 36317-66 EXP(4) 63

ACC NR: AP6027096

(II)

SOURCE CODE: PO/0099/16/043/001/0009/0020

AUTHOR: Keraula, Wiktor; Janowski, Andrzej

43

B

ORG: Department of Inorganic Chemistry, University, Warsaw (Katedra Chemicznej nieorganicznej Uniwersytetu)

TITLE: Structure of the complex compounds of diphenylcarbazone with several metals.  
I. Infrared spectra of diphenylcarbazone, diphenylcarbazide, the molecular compound of diphenylcarbazone with diphenylcarbazide, and diphenylthiocarbazone (dithizone)

SOURCE: Roczniki chemii - annales societatis chimicae polonorum, v. 40, no. 1, 1966, 9-20

TOPIC TAGS: diphenyl compound, IR spectrum, molecular structure

ABSTRACT: The infra-red spectra of diphenylcarbazide, and diphenylthiocarbazone (dithizone) were investigated. The IR spectra of the two former compounds were recorded in nujol mulls and in  $\text{CHCl}_3$  solution in the 700-4,000  $\text{cm}^{-1}$  region. Orig. art. has: 9 figures and 2 tables. [Based on authors' Eng. abst.] [JPRS: 35,392]

SUB CODE: 07, 20 / SUBM DATE: 30Jun65 / ORIG REF: 004 / OTH REF: 009

LS  
Card 1/1

1977 07 00

BARCIKOWSKI, Stanislaw; JANOWSKI, Bogdan

Remote results in 150 patients operated on for pulmonary tuberculosis.  
Postepy hig. med. dosw. no.2:41-42 '60.

l. Z Wojewodzkiej Przychodni Przeciwgruzliczej dla m. Lodzi Dyrektor:  
prof. dr J. Szustrowa.

(PNEUMONECTOMY statist)

ALTMANOWICZ, Anatolij; ZAWADZKI, Felicjan; ZAWADZKA, Tatjana

Simultaneous gastrectomy and excision of the lower segment  
of esophagus performed by a surgical team. Vol. 112651.  
chir. 37 no. 3: 21C. 7/2 Mr. 1979.

I. z III Kliniki Chirurgicznej Akademii Medycznej w Szczecinie  
(Kierownik: doc. dr. L. Altmanczak).

JANOWSKI, HENRYK

Hydrophobia - Preventive Inoculation

Anti-rabies vaccine and animal vaccination in Poland. Veterinaria 29 no. 2, 1952.

9. Monthly List of Russian Accessions, Library of Congress, April 1953? Unclassified.

JANOWSKI, H.

"Some Considerations Concerning Swine Erysipelas and Swine Fever", p. 532,  
(MEDYCyna WETERYNARZNA, Vol. 9, No. 12, Dec. 1953, Warszawa, Poland).

SO: Monthly List of East European Accessions, (EEAL), LC, VOL. 4, No. 5,  
May 1955, Uncl.

POLAND/Farm Animals. Swine.

Q-2

Abs Jour: Ref Zhur - Biol., No. 22, 1958, 101212

Author : Janowski, Henryk

Inst : -

Title : Recent Pathogenesis Theories of Diseases Causing Mortality among Newborn Piglets.

Orig Pub: Med. weteryn., 1957, 13, No.3, 129-134

Abstract: In Poland, the basic cause of high mortality of piglets (40%) is to be found in incorrect feeding of pregnant sows, which primarily causes an animal protein deficiency while carbohydrates are abundant in diets. When a protein shortage exists in the fodder given to pregnant sows, farrowing is sluggish and delayed. This fact increases mortinatality incidences and mortality percentages among piglets. Hypoproteinemia among newborn

Card 1/4

POLAND/Farm Animals. Swine.

Q-2

Abs Jour: Ref Zhur - Biol., No. 22, 1958, 101212

piglets causes severe anemia and diffuse edema of subcutaneous tissue without significant changes of internal organs. Surviving piglets develop poorly, and their organic resistibility is weakened. Vitamin deficiency in the fodder of sows also presents a serious problem especially shortages of vitamin A and of vitamin B complexes. These shortages cause a high intra-uterine mortality rate of fetuses. Viability of piglets born alive is lowered; often malformations and anomalies are detected in them such as easy vulnerability of the digestive tract's mucosa which leads to severe diarrhea, especially among weaned piglets. In piglets, diagnostic symptoms of vitamin deficiency are apparent in partial hornifications of the tongue surface, especially in the root area and along the medial line. Such

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POLAND/Farm Animals. Swine.

Q-2

Abs Jour: Ref Zhur - Biol., No. 22, 1958, 101212

hornifications begin already during the intra-uterine period of fetal life. Their degree depends upon the degree of hypovitaminosis and on the piglets' age. In severe cases hornification layers are several mm thick. In the organism of a newborn piglet, colostrum serves as a basic source for the replenishment of vitamin A reserves. By adding provitamin A (carotene) to the fodder of pregnant sows, vitaminosity may be increased considerably. It is recommended that animals should receive various vitamin preparations. A 3rd important cause for high mortality among piglets is found in insufficient lactation of farrowed sows. Sometimes lactation disturbances are observed in otherwise quite healthy sows. Their mammary glands are well-developed and well-supplied with blood, yet they do not secrete milk. In such instances, a single

Card 3/4

POLAND/Virology. Human and Animal Viruses. Viral Agents of Diseases      E  
in Swine.

Abs Jour : Ref Zhur - Biol., No 4, 1959, No 14668

Author : Janowski H., Stryszak A., Mierzejewska M.  
Inst : -

Title : The Early Results of Trials in Administration of the Strain  
of Swine Plague Virus Adapted to Rabbits (Lapinized) for the  
Purpose of Prophylactic Vaccination Against Swine Plague.

Orig Pub : Med. weteryn. 1958, 14, No 3, 129-134.

Abstract : Vaccinated swine show immunity to the virus within eight  
days for a period of six months. The administration of the  
last dosage, in doses of 100,000 (virulent strain) to the  
vaccinated animals failed to produce any disease in them.

Card : 1/1

- 23 -

KRAUSS, St., prof. dr.; JANOWSKI, H., doc. dr.; MIERZEJEWSKA, M.

Further observations on the variability of the avirulent Erysipelothrix rhusiopathiae strains. II. A comparison of the Av/R9 strain with the St 55 strain. Rocznik nauk roln. wet. 69 no. 3:413-431 '60. (EEAI 10:2)

1. Instytut Weterynarii w Puławach. Dyrektor: St. Krauss. Zakład Chorób Zwierząt. Kierownik: H. Janowski.  
(Erysipelothrix rhusiopathiae)

TRUSZCZYNSKI, Marian; JANOWSKI, Henryk (Pulawy)

Studies on increasing the immunogenic properties of Staub's avirulent  
Erysipelothrix rhusiopathiae vaccine. III. Effect of the kind of  
medium on the velocity of lysis and immunogenic properties of the  
strain. Rocznaukroln wet 70 no.1/4:256-257 '60.

(EEAI 10:9)

(Immunity) (Vaccines and vaccination)  
(Erysipelas)

JANOWSKI, H.; MAJDAN, St.; MIERZEJEWSKA, M. (Puławy)

Studies on the immunity of pigs vaccinated with crystal violet  
vaccine (CVR). Rocznik rolnictwa wet. 70 no. 1/4:273-275 '60.  
(EEAI 10:9)

(Swine) (Immunity) (Hog cholera)  
(Vaccines and vaccination)

JANOWSKI, H.; STRYSZAK, A.; MIERZEJEWSKA, M. (Pulawy - Warszawa)

Immunobiological responses in swine vaccinated with lapinized strain  
of hog cholera viruses. Rocznik nauk roln. wet. 70 no. 1/4:275 '60.  
(EKAJ 10:9)

(Immunity) (Swine) (Hog cholera)  
(Vaccines and vaccination  
(Viruses)

SURNAME, Given Names

Country: Poland

Academic Degrees:

Affiliation:

Source: Warsaw, Medycyna Weterynaryjna, Vol XVII, No 5, May 1961, pp 281-285.

Data: "Infectious Virus Gastroenteritis in Pigs."

Authors:

JANCZSKI, Henryk, Docent dr., Director of the Department of Hog Diseases (Zaklad Chorob Swin), Veterinary Institute (Instytut Weterynarii), Pulawy.

GOLASZEWSKI, Henryk, Dr., Director of the Wojewodztwo Veterinary Higiene Department (Wojewodzki Zaklad Higieny Weterynaryjnej), Szczecin

GPO 981643

POLAND

OBERFELD, Henryk and JANOWSKI, Henryk [affiliation not given]

"Conference of the European Commission of the International Epizootic Office (OIE) in Vienna."

Warsaw-Lublin, Medycyna Weterynaryjna, Vol 19, No 2, Feb 63,  
pp 71-75.

Abstract: Report on the proceedings of the European Commission of the OIE held in Vienna on 5 October 1962 with the following subheadings: Apthae epizooticae, Swine fever, "Cieszyn" disease, and Brucellosis. There are no references.

1/1

TRUSZCZYNSKI, Marian; JANOWSKI, Henryk; WIJASZKA, Tadeusz

Immunochemical investigations on the antigenic extracts from various strains of *Erysipelothrix insidiosa*. Acta microbiol. Pol 13 no.3:179-186 '64.

1. From the Department of Swine Diseases, Institute of Veterinary Research Pulawy, Poland.

"APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619520001-7

JANOWSKI, J.

(HORYZONTY TECHNIKI, Vol. 6, No. 8, Aug. 1953, Warszawa, Poland)  
"Home electric substation. Pt. 1. Transformer." p. 363

SO: MONTHLY LIST OF EAST EUROPEAN ACCESSIONS, L.C., Vol. 3, No. 4, APRIL 1954

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619520001-7"

JANOWSKI, J.

(HORYZONTY TECHNIKI, Vol. 6, No. 9, Sept. 1953, Warszawa, Poland)  
"Home transformers, Ps. 2, Voltage regulation; automatic switch." p. 413

SO: MONTHLY LIST OF EAST EUROPEAN ACCESSIONS, L.C., Vol. 3, No. 4, APRIL 1954

POLAND / Chemical Technology! Chemical Products and  
Their Application; Ceramics; Glass; Bind-  
ing Materials. Concrete.

H

Abs Jour: Ref Zhur-Khimiya, No 12, 1959, 43198.

Author : Janowski J.

Inst : Not given.

Title : Grinding of Wet Granulated Slag.

Orig Pub: Cement. Wapno. Gips, 1958, 14, No 7-8, 162-170.

Abstract: Described are different diagrams and designs of units for the simultaneous drying and grinding of slag in which the drying operation is achieved either by means of an intensive aspiration at normal temperature or by means of employing hot air generated in the flue gas sections of heaters or produced purposely in special heaters. Increase in temperature during the grinding operation of

Card 1/2

18(5)

POL/39-25-11-4/26

AUTHOR: Mazanek, E., Dotsent, Mechanical Engineer and Janowski, J., Mechanical Engineer

TITLE: Heat Conductivity, Thermal Expansion and Reactivity of Refractory Carbon as Building Material for Blast Furnaces (Przewodnictwo cieplne, rozszerzalność cieplna i reakcyjność wielkopiecowych konstrukcyjnych materiałów węglowych)

PERIODICAL: Hutnik, 1958, Vol 25, Nr 11-12, pp 447-456 (Poland)

ABSTRACT: Blast furnaces are lined with carbon bricks well fitted together or with raw carbon blocks bound by carbon filler. The materials used must have a good heat conductivity and be stable not only toward hot iron and slag, but also toward CO<sub>2</sub>. Besides, the latter method requires the use of materials having the same thermal expansion. The heat conductivity of a number of specimens of different sizes was measured at different temperatures. The results show that the heat conductivity of burned refractory carbon diminishes with the increase

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POL/39-25-11-4/26

Heat Conductivity, Thermal Expansion and Reactivity of Refractory Carbon as Building Material for Blast Furnaces

Card 2/3

of porosity, specific gravity and resistivity and with the increase of temperature. The heat conductivity of raw carbon blocks and carbon filler increases with the increase of temperature. High thermal expansion and shrinkage factors have been responsible for much damage in refractory carbon. These factors are especially high with raw carbon lining, and it is advisable to heat it up to temperatures above 250°C before blowing in the furnace. The reactivity of refractory carbon with CO<sub>2</sub> was studied under different conditions, with materials of different porosity and compressive strength and with varying gas composition and temperatures. The results show that the stability of refractory carbon toward CO<sub>2</sub> declines with greater porosity and at temperatures above 1000°C, is higher toward a mixture of CO<sub>2</sub> with N<sub>2</sub> than toward pure CO<sub>2</sub> and in the presence of coke. A good heat conductivity of carbon lining ensures better heat transfer. The thermal expansion factors of carbon blocks, carbon filler and fireclay being differ-

MAZANEK, Eugeniusz, Dr.Inz.; JANOWSKI, Jan, Mgr.Inz.; BEWESCH, Ryszard, Mgr.Inz.

Technical basis of the oxygen process as used in blast furnaces of  
Lenin Ironworks. Huta Lenian prace no.9:3-23 My '61.

MAZANEK, Eugeniusz, doc. dr inz.; JANOWSKI, Jan, mgr inz.; BENESCH, Ryszard,  
mgr inz.

Economic justification of the usefulness of applying oxygen to  
furnace blasting. Hutnik P 28 no.12:443-455 D '61.

JANOWSKI, Jan, dr inz.; BENESCH, Ryszard, dr inz.

Influence of oxidizing roasting on the properties of  
Czestochowa siderite ore. Huta Lenina prace no.13;3-18  
'63.